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CLAIMS:

1.   A method of data retrieval from a medium by a pick-up unit for non-real-time
rendering of data stored on the medium by rendering non-contiguous fragments of data,
characterized in that the method comprises the steps of:
  – identifying a group of multiple fragments of data for rendering;
5   – moving the pick-up unit to a location on the medium where the identified group of
     multiple fragments of data is stored;
  – selecting a fragment of data from the group of multiple fragments of data, the fragment of
     data being fastest retrievable by the pick-up unit; and
  – retrieving the selected fragment of data for rendering.
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2.   A method as claimed in claim 1, wherein the data stored on the medium is a
stream of audio-visual data.

3.   A method as claimed in claim 1, wherein the data stored on the medium is a
15   stream of audio data.

4.   A method as claimed in claim 1, wherein the medium is a disk-based memory.

5.   A method as claimed in claim 4, wherein the disk-based memory is an optical
20   disk.

6.   A method as claimed in claim 4, wherein the data is stored in accordance with
the Super Audio Compact Disc standard.

25 7.   A method as claimed in claim 4, wherein the data is stored in accordance with
the Digital Versatile Disc standard.

8.   A method as claimed in claim 2 or 3, wherein the group of multiple fragments
is defined by a time interval.

9.   A method as claimed in claim 3, wherein the group of multiple fragments is defined by a number of intra-coded video frames.

5   10.   A method as claimed in claim 1, wherein the method further comprises the step of increasing the number of fragments of data in the group as the rendering speed increases.

11.   An apparatus for data retrieval from a medium, comprising

10   means for receiving the medium;

    —   a pick-up unit for retrieving data from the medium for non-real-time rendering of data by rendering non-contiguous fragments of data; and

    —   a central processing unit,

    characterized in that the central processing unit is conceived to:

15   —   identify a group of multiple fragments of data for rendering;

    —   select a fragment of data from the group of multiple fragments of data, the fragment of data being closest to the pick-up unit; and

    —   retrieve the selected fragment of data for rendering.

20   12.   A consumer system for presentation of audio-visual data, comprising the apparatus as claimed in claim 11.

13.   A record carrier comprising a computer program, characterized in that the computer program enables a computer to perform the method as claimed in claim 1.

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14.   A programmed computer, characterized in that the computer is able to perform the method as claimed in claim 1.